

**Table 1)** Comparison of demographic and contextual variables of children in case and control groups

Variable	Case group Number (%)	Control group Number (%)	Test statistics	p-value
<b>Number of children</b>				
1	99 (42.9)	102 (44.2)	1.81	0.770
2	94 (40.7)	92 (39.8)		
3 -3<	38 (16.4)	37 (16)		
<b>Maternal age (year)</b>				
<20	5 (2.2)	10 (4.3)	32.63	0.380
20-30	103 (44.6)	103 (44.6)		
30-40	106 (45.9)	110 (47.6)		
40-50	17 (7.4)	8 (3.5)		
<b>Father age (year)</b>				
<20	28 (12.1)	43 (18.6)	46.93	0.127
20-30	147 (63.6)	139 (60.2)		
30-40	46 (19.9)	45 (19.5)		
40-50	10 (4.3)	4 (1.7)		
<b>Mother's education</b>				
Primary	32 (13.8)	22 (9.5)	2.81	0.580
Middle & high school	57 (24.7)	55 (23.8)		
Diploma	82 (35.5)	83 (35.9)		
Associate degree & B.Sc	55 (23.8)	65 (28.1)		
Master's degree & higher	5 (2.2)	6 (2.6)		
<b>Father's education</b>				
Primary	35 (15.2)	25 (10.8)	4.13	0.380
Middle & high school	69 (29.9)	64 (27.7)		
Diploma	73 (31.6)	76 (32.9)		
Associate degree & B.Sc	45 (19.5)	50 (21.6)		
Master's degree & higher	9 (3.9)	16 (6.9)		
<b>Mother's occupation</b>				
Employed	18 (7.8)	28 (12.1)	2.41	0.120
Housewife	213 (92.2)	203 (87.9)		
<b>Child age (months)</b>				
1-12	13 (5.6)	81 (35)	-4.9	<0.001
13-24	87 (37.7)	75 (32.5)		
25-36	77 (33.3)	27 (33.5)		
37-48	34 (14.7)	31 (13.4)		
49-60	20 (8.7)	17 (7.4)		
<b>Birth type</b>				
Cesarean section	114 (49.4)	104 (45)	0.86	0.350
Natural	117 (50.6)	127 (55)		
<b>Birth weight (grams)</b>				
<1500	5 (2.2)	2 (0.9)	2.83	0.005
1500-2500	34 (14.7)	19 (8.2)		
2500<	192 (83.1)	210 (90.9)		
<b>Gestational age at birth (weeks)</b>				
<32	3 (1.3)	1 (0.4)	2.47	0.014
32-36	23 (9.9)	11 (4.7)		
37-37<	205 (88.7)	219 (94.8)		
<b>Type of marriage</b>				
Nonfamily	182 (78.8)	198 (85.7)	3.79	0.050
Family	49 (21.2)	33 (14.3)		
<b>Planned or unplanned birth</b>				
Planned	194 (84)	197 (85.3)	0.15	0.690
Unplanned	37 (16)	34 (14.7)		
<b>History of child hospitalization</b>				
Yes	95 (41)	45 (19.5)	25.6	<0.001
No	136 (58.9)	186 (80.5)		
<b>Exclusive breastfeeding</b>				
Exclusive	119 (51.5)	131 (56.7)	1.25	0.260
Non-exclusive	112 (48.5)	100 (43.3)		

<b>Use of tobacco products by at least one parent at home</b>				
Yes	58 (25.1)	28 (12.1)	13.8	<0.001
No	173 (74.9)	203 (87.9)		
<b>Regular consumption of iron drops*</b>				
Yes	111 (48.1)	125 (54.1)	5.03	0.025
No	120 (51.9)	88 (38.1)		
<b>Regular use of multivitamin drops or AD vitamin</b>				
Yes	129 (55.8)	156 (67.5)	6.67	0.010
No	102 (44.2)	75 (32.5)		

(18 children in the control group were under 6 months old and because the proper time for use of iron drop is the end of 6 months old, these children were not included in the analysis).

**Table 2)** Comparison of variables related to developmental care in case and control groups

Contextual variables	Case group	Control group	Test statistics	p-value
	Number (%)	Number (%)		
<b>Children's participation in training classes</b>				
Yes	13 (5.6)	15 (6.5)	0.152	0.690
No	218 (94.4)	216 (93.5)		
<b>Going to kindergarten in the moment</b>				
Yes	16 (6.9)	3 (1.3)	9.27	0.002
No	215 (93.1)	228 (98.7)		
<b>Number of children's books</b>				
No books	73 (31.6)	69 (29.9)	0.909	0.635
<10	118 (51.1)	114 (49.4)		
10<	40 (17.3)	48 (20.8)		
<b>Parents training about parent-child relationships</b>				
Yes	165 (71.4)	170 (73.6)	0.271	0.602
No	66 (28.6)	61 (26.4)		
<b>Parent Education Resources</b>				
TV	83 (35.6)	93 (40.3)	0.91	0.330
Health centers	71 (30.7)	84 (36.4)	1.64	0.200
Cyberspace	51 (22.1)	68 (29.4)	3.27	0.017
Book	42 (18.2)	52 (22.5)	1.33	0.240
Family	34 (14.7)	35 (15.2)	0.017	0.890
Friends	15 (6.5)	17 (7.4)	0.134	0.714
Radio	3 (1.3)	10 (4.3)	3.87	0.049
Other	2 (0.9)	2 (0.9)	<0.001	1.000
<b>Active play</b>				
Factory toys	195 (84.4)	201 (87)	0.931	0.340
Home-made toys	64 (27.7)	69 (29.9)	0.84	0.350
home appliances	186 (80.5)	177 (76.6)	1.04	0.300
<b>Inactive play</b>				
Computer game	20 (8.6)	18 (7.7)	0.1	0.750
Watching TV/CD	169 (73.2)	170 (73.6)	0.04	0.8300
Tablet/mobile phone	112 (48.5)	84 (36.4)	6.94	0.008

**Table 3)** Comparison of adult support for learning children in the case and control groups

variable	Case group	Control group	p-value
	Number (%)	Number (%)	
<b>Book Reading</b>			
Mother	151 (65.3)	146 (66.3)	0.620
Father	36 (15.6)	41 (18.6)	0.530
Another person	33 (14.2)	33 (15)	1.000
No one	57 (24.7)	58 (25)	0.910
<b>Storytelling</b>			
Mother	142 (61.4)	145 (62.8)	0.005
Father	24 (10.4)	41 (17.7)	0.880
Another person	18 (7.8)	22 (9.5)	0.180
No one	77 (33.3)	64 (27.7)	0.130
<b>Reading a poem or lullaby</b>			
Mother	172 (74.4)	189 (81.8)	0.035
Father	27 (11.7)	40 (17.3)	0.086
Another person	16 (6.9)	24 (10.4)	0.180
No one	46 (20)	24 (10.4)	0.004
<b>Getting the child out of the house</b>			
Mother	181 (78.3)	159 (68.8)	0.020
Father	124 (53.7)	145 (62.8)	0.040
Another person	33 (14.3)	36 (15.6)	0.690
No one	11 (4.8)	16 (6.9)	0.320
<b>Playing with the child</b>			
Mother	165 (71.4)	178 (77)	0.16
Father	109 (47)	128 (55.4)	0.770
Another person	78 (33.7)	77 (33.3)	0.920
No one	27 (11.7)	14 (6)	0.030
<b>Counting/ naming/ drawing with a child</b>			
Mother	159 (68.8)	147 (63.6)	0.230
Father	56 (24.2)	62 (26.8)	0.520
Another person	40 (17.3)	48 (20.7)	0.340
No one	54 (23.4)	57 (24.7)	0.740

**Table 4)** Odds ratio (OR) and 95% confidence interval (95% CI) for developmental delay in children studied based on logistics model

Variable	Univariate logistic regression			Multivariate logistic regression		
	Odds ratio	Confidence interval	p-value	Odds ratio	Confidence interval	p-value
<b>Maternal age (mean)</b>	1.03	1.02-1.04	<0.001	1.04	1.01-1.08	0.020
<b>Consumption of iron drops (basis: no regular consumption)</b>	1.42	1.02-1.97	0.037	0.664	0.44-1.00	0.051
<b>Hospitalization history (basis: yes)</b>	0.34	0.22-0.52	<0.001	2.57	1.63-4.05	<0.001
<b>Tobacco use (basis: by parents)</b>	0.40	0.23-0.68	0.001	2.09	1.20-3.64	0.009
<b>Birth weight (basis: less than 2500 grams)</b>	0.99	0.99-1	0.005	1.85	0.88-3.68	0.126
<b>Type of marriage (basis: family)</b>	1.61	0.99-2.62	0.053	1.55	0.90-2.67	0.108
<b>Active play (basis: paly with 3 toys)</b>						
With 2 toys	1.65	1.04-2.63	0.033	1.50	0.91-2.49	0.110
With a toy	1.39	0.81-2.38	0.226	1.73	0.95-3.16	0.070
<b>Inactive play (basis: no inactive play)</b>						
With a vehicle	0.80	0.49-1.33	0.406	-	-	-
With 2 vehicle	1.24	0.73-2.09	0.415	-	-	-
With 3 vehicle	1.28	0.57-2.88	0.54	-	-	-
<b>Awareness (basis: less than 15)</b>						
15-20	0.54	0.33-0.89	0.016	0.55	0.32-0.95	0.033
21-25	0.77	0.45-1.32	0.034	0.72	0.41-1.39	0.383
26-26<	0.39	0.22-0.67	0.001	0.44	0.24-0.82	0.010

In this table, only the variables are reported that have the best fit for the model.